

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLN. OF: WONG
SERIAL NO.: 10/736,650
FILED: December 16, 2003
FOR: PRODUCTION OF ELECTROLYTIC CAPACITORS AND...
GROUP: 3729 Confirmation No. 5354
EXAMINER: Donghai D. Nguyen DOCKET: SUPERCON 23

MAIL STOP AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Applicant is resubmitting herewith the Information Disclosure Statement originally submitted on May 12, 2004, (copy enclosed) together with 7 sheets of PTO-A820 listing the art originally cited. These references were cited in related patent application numbers 09/532,362 (now U.S. Patent No. 6,543,123); 09/753,200 (abandoned); 10/037,935 (now U.S. Patent No. 6,918,172); and 10/282,354 (now U.S. Patent No. 6,836,955). The claims in the present application are believed to be patentably distinguished over these references.

This information disclosure statement is being made pursuant to the duty of disclosure imposed by law and formulated in 37 CFR 1.56(A). No representation is made that the information thus disclosed in fact constitutes prior art or that it is the closest prior art, inasmuch as 37 CFR 1.56(A) relies on a materiality concept which depends on subjectivity.

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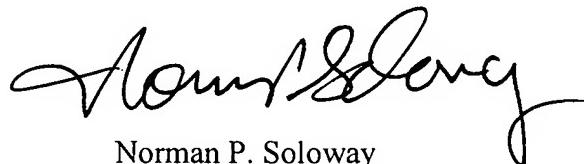
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Form PTO-2038 authorizing credit card payment in the amount of \$180.00 to cover the fee under 37 CFR 1.97(d) is enclosed.

In the event there are any fee deficiencies or additional fees are payable, please credit them, or credit any overpayment, to our Deposit Account No. 08-1391.

Respectfully submitted,



Norman P. Soloway
Attorney for Applicant
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CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: MAIL STOP AMENDMENT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

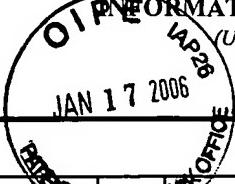
January 11, 2006, at Tucson, Arizona.

By M. Diane Duke

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 INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>				Docket Number (Optional) SUPERCON 23		Application Number 10/736,650	
				Applicant(s) WONG			
				Filing Date December 16, 2003		Group Art Unit 3729	
				U.S. PATENT DOCUMENTS			
*EXAMINER INITIAL	TRADEMARK OFFICE	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		5,534,219	7.9.96	MARANCIK et al.	419	4	
		5,174,831	12.29.92	WONG et al.	148	98	
		5,869,196	2.9.99	WONG et al.	428	613	
		5,034,857	7.23.91	WONG	362	509	
		5,869,196	2.9.99	WONG et al.	428	613	
U.S. PATENT APPLICATION PUBLICATIONS							
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FOREIGN PATENT DOCUMENTS							
REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	JP 4033272A	2.4.92	JAPAN				
	JP 3208279A	9.11.91	JAPAN				
	JP 2197017A	8.3.90	JAPAN				
	JP 2106885A2	4.18.90	JAPAN				
	WO 02/45106	6.6.02	PCT	H01G	9/00		
OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>							
	"Alternative Materials for Electrolytic Capacitor" Reichert et al., T.I.C. Bulletin, No. 109, March 2002						
	"Development of Internal-Tin Diffusion Multifilamentary Nb ₃ Sn Conductors Including Hydrostatic Extrusion" Xu et al., IEEE Transactions on Magnetics, Vol. 24, No. 2, March 1998, pg. 1127-1130						
EXAMINER				DATE CONSIDERED			
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		3,277,564	10.11.66	WEBBER et al.	29	419	
		3,379,000	4.23.68	WEBBER et al.	57	139	
		3,394,213	7.23.68	ROBERTS et al.	264	174	
		3,567,407	3.2.71	YOBLIN	29	191.4	
		3,698,863	10.17.72	ROBERTS et al.	29	183.5	

U.S. PATENT APPLICATION PUBLICATIONS

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REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	11-250747	9.17.99	JAPAN	H01B	13/00		

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

	Smathers et al., "A15 Superconductors", Metals Handbook, Tenth Edition, Vol. 2, pps. 1060-1077
	Rosner et al., "Review of Superconducting Activities at IGC on A-15 Conductors", Filamentary A-15 Superconductors, Plenum Press, NY published 1980, ppg 67-79

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		3,742,369	6.26.72	DOUGLASS	317	230	
		4,502,884	3.5.85	FIFE	75	0.5AB	
		5,306,462	4.26.94	FIFE	419	24	
		5,245,514	9.14.93	FIFE et al.	361	529	
		3,218,693	11.23.65	ALLEN et al.	29	155.5	

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							YES	NO

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

		Rumaner et al., "Effect of Oxygen and Zirconium on the Growth and Superconductin Properties of Nb ₃ Sn" Metallurgical and Materials Transactions, Vol. 25A, January 1994, pgs. 203-211
		Naus et al. "The Interdiffusion of Cu and Sn in International Sn Nb ₃ Sn Superconductors", IEEE Transaction ASC, Vol. 10, No. 1, pgs. 983-987

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		3,429,032	2.25.69	MARTIN et al.	29	599	
		4,767,470	8.30.88	TACHIKAWA et al.	148	11.5	
		4,746,581	5.24.88	FLUKIGER	428	614	
		5,299,728	4.5.94	KING et al.	228	179.1	
		5,541,787	7.30.96	JOHNSON et al.	148	98	

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Caslaw, J.S., "Enhancement of the Critical Current Density in Niobium-Tin" Cryogenics, Feb. 1971, pgs. 57-59
Summers et al., "The Influence of Liquid Metal Infiltration on Superconducting Characteristics on Niobium Nitride", Advanced in Cryogenic Eng., Vol. 34, pgs. 835-842, 1987

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		5,505,790	4.9.96	BENZ et al.	148	98	
		4,224,087	9.23.80	TACHIKAWA et al.	148	133	
		4,776,899	10.11.88	MURASE et al.	148	11.5	
		3,743,986	07.1973	McINTURFF et al.	335	216	
		4,055,887	11.1977	MEYER	29	599	

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OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

	Sakamoto et al., "Very High Critical Current Density of Bronze-Processed (Nb,Ti)3Sn Superconducting Wire" IEEE Transactions on Applied Superconductivity, Vol. 10, No. 1, March 2000, pgs. 971-974
	Tachikawa, K., "Developments of A15 Filamentary Composite Superconductors in Japan" by Masaki Suenaga and Alan F. Clark, Plenum Press, NY, Cryogenic Mat. Series 1980, pps. 1-15

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		5,869,169	2.9.99	JONES	428	213	
		5,540,787	7.30.96	JOHNSON et al.	148	98	
		5,541,787	07.1996	JABBARI et al.	360	97.01	
		4,977,039	12.1990	ONISHI et al.	428	623	
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		Caslaw, J.S. "The Influence of Liquid Metal Infiltration on Superconducting Characteristics of Niobium Nitride", Advances in Cryogenic Eng., Vol. 34, 1987, pgs. 835-847					
		Scanian et al., "Multifilamentary NB3Sn for Superconducting Generator Applications", IEEE Trans. MAG-11, March 1975, pgs. 287-290					
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	Katagiri et al., "Tensile Strain/Transverse Compressive Stress Effects in Nb3Sn Multifilamentary Wires with CuNb Reinforcing Stabilizer" Advances in Cryogenic Eng., Vol. 42, Plenum Press, NY, pgs. 1423-1432		
	Dew-Hughes et al. "Treatise on Material Science and Technology" Vol. 14, Metallurgy of Superconducting Materials, 1979, pgs. 429-432		
	Valder, B., "Niobium Alloy C-103/Aerospace Applications" Wah Chang, Outlook 1st Quarter 2000		
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